



This week's big news



Mexico sends search dogs



Mexico sent at least 16 search and rescue dogs to Turkey on February 7. The dogs are trained to sniff for people and alert their handlers by barking and scratching the ground where the scent is strongest. The canine crew became famous for saving many lives after a major earthquake in Mexico City in 2017.

Rescue and recovery in Turkey and Syria

On February 6, one of the most powerful earthquakes ever recorded struck Turkey and Syria. Rescue crews searched for survivors, and world leaders sent help to the densely populated area spanning several hundred miles.

What happened?

In the early hours of February 6, a very strong earthquake struck southern Turkey, near the Syrian border. The quake measured 7.8 on the local magnitude scale. (The highest number ever recorded is 9.5.) Nine hours later, the region was hit by an unusually powerful aftershock (smaller earthquake after a main one), measuring 7.5 magnitude. A United Nations (UN, a group of 193 countries working together for peace and cooperation) official called this the worst natural disaster in the area in 100 years.

What is the damage?

The two strikes devastated 10 provinces in Turkey and northern
Syria. As many as 5.3 million Syrians lost their homes when thousands of buildings were destroyed. More than 1 million
people in Turkey were without homes after aid. Comore than 24,000 buildings collapsed or were heavily damaged. Near the epicenter (where the unior earthquake begins and is strongest), the ancient trade

Turkish town of Antakya was almost entirely wiped out. In the city of Gaziantep, a 2,000-year-old castle was nearly destroyed. When *The Week Junior* went to press, more than 40,000 people had died (more than 35,000 in Turkey and about 5,500 in Syria).

How is the rescue going?

SYRIA

Rescue crews searching for survivors raced against time due to near-freezing temperatures and the vast size of the quake zone. Syrian refugees living in Turkey joined Turkish citizens in digging through rubble. At least 8,000 people were rescued from the debris, some as long as a week after the earthquake. But crews struggled to reach some areas that were blocked by collapsed

passes. Assistance has been slower to reach Syria, where an ongoing civil war has damaged roads and buildings, including hospitals.

How are people helping?

About 100 countries have sent or offered help, including food, water, medical supplies, and shelter. The

US announced it would provide \$85 million in aid. Countries including the US, the UK, Israel, South Korea, and Iraq—as well as the European Union (a group of 27 countries that work and trade together)—sent search and rescue crews,

including a highly trained crew of 78 people and six dogs from California. China sent thousands of tents and blankets. Aid workers have built makeshift tent cities to house thousands of people who were displaced from their homes. The UN sent 58 trucks filled with supplies to Syria. Restaurant owners from across Turkey traveled to the hardest-hit areas to make and serve food. People across the US held fundraisers and supply drives, collecting clothes, blankets, and other items to send to the disaster sites. Charities including Islamic Relief, the Red Cross, and Oxfam are helping both countries, while groups such as UNICEF are focused on children.

What will happen next?

Officials will assess the damage and begin the long process of cleanup and recovery. Aid groups said that people in the affected areas will need donations and support for months or years to come. Visiting Syria, the UN's emergency relief coordinator, Martin Griffiths, said the focus will shift to "the humanitarian phase—the urgency of providing shelter, psychosocial care, food, schooling, and a sense of the future." Meanwhile, many Turkish citizens have expressed anger at their government for not enforcing building codes, which may have led to inferior construction and caused so many buildings to collapse. The government is conducting a criminal investigation.



Countries bid to host World Cup

n February 7, four South American nations — Argentina, Chile, Paraguay, and Uruguay submitted a joint bid to host the 2030 FIFA World Cup. The soccer tournament takes place every four years and is the most-watched event in the world. The 2030 tournament marks the 100th anniversary of the first World Cup, hosted by Uruguay in 1930.

FIFA is soccer's international governing body, and its 211 member associations vote to pick the World Cup host nation about six to 10 years in advance. The 2030 host will be chosen in 2024. The next World Cup, in 2026, will be hosted by the US, Canada, and Mexico, marking the first time a group of countries will host together.

Spain, Portugal, and Ukraine also submitted a joint bid for the 2030 World Cup. Other interested countries include Saudi Arabia, Greece, and Egypt (as a group) and Morocco. Commenting on the possibility of a World Cup in South America, Argentina's president, Alberto Fernández, said on social media, "It would be a great joy if, 100 years later, the World Cup returns to where it all began."





New Jupiter moons found

upiter, the largest planet in the solar system, **J** now also holds the title of the planet with the most moons. Scientists recently announced the discovery of 12 previously unknown moons orbiting Jupiter, bringing the total number to 92.

Using telescopes in Hawaii and Chile, astronomers (scientists studying space, stars, and planets) spotted the additional moons in 2021 and 2022 and tracked them to confirm that they're orbiting Jupiter. The moons range in size from just over half a mile to about two miles wide. Each moon is far from the planet's surface, taking more than 340 Earth days to complete a single orbit. (Earth's Moon takes about 27 days to complete an orbit.)

Nine of the moons take longer than 550 days to circle Jupiter. They move in the opposite

direction from the planet's rotation, in what is known as a retrograde orbit. These moons might have been pulled in by the gravity of the giant planet, while the three closer moons most likely formed around Jupiter. "I hope we can image one of these outer moons close-up in the near future to better determine their origins," astronomer Scott Sheppard told the Associated Press.

Saturn, which has 83 moons, previously held the record for the planet in our solar system with the most moons. Scientists say that Saturn could retake the title because it may have smaller moons that haven't been discovered yet.

In April, the European Space Agency plans to send a spacecraft to study Jupiter and its moons. NASA (the US space agency) will launch a mission to one of Jupiter's moons next year.



IT'S AN AMAZING WEEK FOR...

A MIGHTY MILESTONE

Pat, a Pacific pocket mouse at the San Diego Zoo, became the oldest known living mouse at age 9 years and 209 days. The zoo has been working to save the endangered species and said the record was a win for all "tiny but mighty" animals.





PIZZA SALES

Super Bowl Sunday was an exciting day for football fans—and pizza proprietors. In the US, it's the biggest day of the year for selling pizza, with more than 12 million sold at national chains and local shops. The world's largest pizza company, Domino's, sold 2 million pies this year.

A POOCH PERFORMANCE

Fourteen dancing dogs in Germany set a new Guinness World Record for most dogs in a conga line. Their trainer, Wolfgang Lauenburger, broke the previous record of nine dogs—who were trained by his daughter, Alexa, age 15. The dogs, lined up by size, had to maintain contact over a distance of 16 feet, 5 inches.



National news



The Republican response



After a State of the Union speech, the opposing party is given a chance to respond. The Republicans chose Sarah Huckabee Sanders (above) to speak. Sanders, age 40, was elected governor of Arkansas in 2022. From 2017 to 2019, she served as the press secretary to former President Donald Trump.

Biden gives State of the Union speech

President Joe Biden delivered the State of the Union address at the US Capitol building on February 7. Members of Congress (branch of government that makes laws) and various guests attended while more than 27 million people watched the speech on 16 television networks.

What is a State of the Union address?

The speech is an annual message from the President about the top issues facing the country. The US Constitution (nation's top law) requires that the President provide this information "from time to time." The first address, called the Annual Message, was given by George Washington in 1790. From 1801 to 1913, the address was delivered in written, instead of spoken, form. The speech became known as the State of the Union in 1947.

What did Biden say?

Biden, a Democrat, spoke on many topics, including creating jobs, overhauling tax laws, advocating for police reform, and helping military veterans. He pledged to work with Republicans and asked for cooperation in return. Biden called for an economy that includes everyone. "My economic plan is about investing in places and people that have been forgotten," he said. He also called for a ban on online advertising targeted to children and pledged that his administration would give more attention to the mental health of young people.

How did lawmakers react?

Democrats said they were pleased with Biden's performance, including his feisty reaction to Republicans who yelled at him and heckled him as

he spoke. Chuck Schumer, the Democratic leader of the Senate (one half of Congress), said the speech worked because "Biden was talking to the average American." Republicans criticized the President for the priorities he didn't address, such as reducing illegal immigration. Senator Shelley Moore Capito, a Republican from West Virginia, called the speech "a premature and undeserved victory lap."

What was the public's response?

A CNN poll taken immediately after the State of the Union speech found that 72% of viewers had a positive reaction to what Biden said, with 34% of them saying their reaction was very positive. The poll found that 28% of viewers rated the speech negatively, with 10% of them feeling very negative toward it.

WORD # WEEK CHOCOLATE

The word "chocolate" was adopted from the French chocolat to describe a thick, hot, fairly bitter drink. Its story began with the Aztecs in Mexico where xocolatl meant "food made from cacao seeds." The seeds grew in pods on cacao trees native to South America. It wasn't until the 19th century that people began to enjoy the solid chocolate that is popular today.

THE WEEK IN HISTORY

February 20, 1872

Metropolitan Museum of Art opens
On February 20, 1872, the Metropolitan
Museum of Art opened in a former dance
academy and private home in New York
City. Among the artwork displayed was
a painting by Peter Paul Rubens, a 17thcentury Flemish artist. The museum moved
to its current location near Central Park in
1880. Today, "the Met," as it's called, is the
most visited museum in the US.



National news





Vermont bans some light bulbs

Vermont has become the first state to ban the sale of compact fluorescent light bulbs (CFLs). Although energy-efficient, CFLs contain mercury, a toxin that can be harmful to humans and the environment. The availability of new energy-efficient light bulbs that are mercury-free made the law possible, said people who advocated for the ban. California will follow Vermont's lead in January 2024, when its law banning the sale of CFLs takes effect.



New coin honorees announced

The five honorees in the 2024 American Women Quarters program, which pays tribute to women who have made important contributions to the US, have been announced by the US Mint (agency that makes coins). Among them are Cuban-American singer Celia Cruz (1925–2003); Patsy Takemoto Mink (1927–2002), the first woman of color to serve in Congress; and attorney Pauli Murray (1910–1985).



Puppy Bowl champion named

Team Fluff beat Team Ruff, 87–83, to win the Lombarky Trophy during the 19th annual Puppy Bowl. The televised event, which aired before the Super Bowl on February 12, promotes pet adoption. A total of 122 puppies from 67 shelters competed to get their team's chew toys to the end zone. Animal Planet, the event creator, said that every dog featured in previous Puppy Bowls has found a home.



NBA's all-time scoring record broken

hen Los Angeles Lakers forward LeBron James scored the 38,388th point of his career during a National Basketball Association (NBA) game against the Oklahoma City Thunder on February 7, he became the NBA's all-time leading scorer. James broke Kareem Abdul-Jabbar's record for most points scored by an NBA player, which had stood for nearly 39 years.

James started the game needing 36 points to break Abdul-Jabbar's record of 38,387. He broke it in the final seconds of the third quarter, and the game was paused to acknowledge the feat. James embraced his family, including his mother, wife, and children. NBA commissioner Adam Silver and Abdul-Jabbar, who played most of his career with the Lakers, honored him. He finished the game

with 38 points, taking his career total to 38,390. The Lakers lost to the Thunder, 133–130.

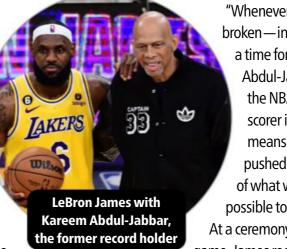
James, age 38, is in his 20th NBA season. A native of Akron, Ohio, he entered the league at age 18, when he was chosen as the number one draft pick by the Cleveland Cavaliers. He has won the league's Most Valuable Player (MVP) award four times and four NBA championships—two with the Miami Heat and one each with the Cavaliers and Lakers, winning the Finals MVP award each time. He also leads many charitable efforts, including the launch of

a school in his hometown.

"Whenever a sports record is broken—including mine—it's a time for celebration," wrote Abdul-Jabbar, who became the NBA's all-time leading scorer in April 1984. "It means someone has pushed the boundaries of what we thought was possible to a whole new level."

At a ceremony two days after the game, James recalled that his mother

bought him a Little Tikes basketball hoop when he was 3 years old. "From that moment on," he said, "I knew that that orange sphere was something that I always wanted to be a part of my journey."



THE WEEK'S SILLIEST HEADLINE

"Coyote runs through Washington state hospital" *UPI*





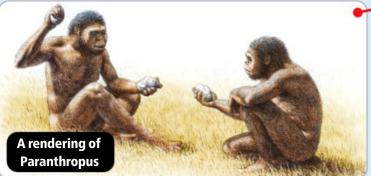
Around the world



Amsterdam, Netherlands

■ Famous Dutch painter's work is shown

An exhibition of the 17th-century Dutch painter Johannes Vermeer opened at the Rijksmuseum on February 10. It is the first time so many of his works have been shown in one place. Most of the 35 Vermeer paintings that experts know exist will be on display, including famous works like Girl with a Pearl Earring and The Milkmaid. More than 200,000 tickets were sold for the exhibition before it opened.



Kenya Ancier

Ancient tools discovered

Tools that could be up to 3 million years old have been found in southwestern Kenya by archaeologists (scientists who study objects left by people long ago). Fossils of a species named Paranthropus, closely related to humans, were found alongside the tools. Scientists believe the discovery shows that other hominins (the family of animals that humans are from) used tools earlier than was thought.



Guadalupe Island, Mexico Shark tourism banned

The Mexican government has banned shark-related activities, such as cage diving and shark watching, at the Guadalupe Island Biosphere Reserve. The reserve is an important habitat for great white sharks, a vulnerable species, and the government's action is aimed at protecting them. The activities were popular with tourists visiting this area but will now be discontinued.

Iceland Wheelchair ramps built

Haraldur Thorleifsson is on a quest to build more than 1,000 ramps across Iceland over the next two years to make mobility easier for people using wheelchairs. His project, Ramp Up Iceland, began in Reykjavik, the nation's capital, and was inspired by his own experiences in a wheelchair. More than 450 ramps have already been built.







to get rid of old naira banknotes (paper money in the nation's currency) has led to chaos. People were expected to stop using the old notes by February 10, but not enough new notes were available to replace them, leading to long lines at banks and cash machines. Nigeria's top court delayed the deadline to give people more time to swap their old money.



GETTY IMAGES (6); SCIENCE PHOTO LIBRARY; ALAMY; SHUTTERSTOCK; RJKSMUSEUM/HENK WILDSCHUT

Around the world





Kiruna, Sweden Town moves to new location

An Arctic town and its historic buildings are being moved nearly two miles to the east. Kiruna, in northern Sweden, sits above a large underground iron mine with tunnels up to 1.2 miles deep. Kiruna's buildings are at risk of moving and sinking, so the government and a mining company are moving them to a safer location.



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Japan Children call for lighter backpacks

Children in Japan have been complaining about the weight of their traditional backpacks, known as randoseru. In a survey, more than 90% said that their bags give them sore shoulders and backs. School bags can weigh up to 22 pounds when packed with books and other supplies students need. Some education officials are allowing children to leave textbooks home at night to help lighten the load in their bags.



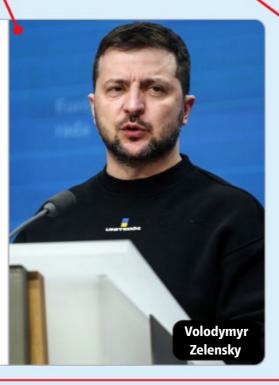


Cambodia Government shuts down media outlet

Cambodia's prime minister, Hun Sen, has shut down one of the country's few independent media outlets. Voice of Democracy worked to promote human rights and democracy (government in which the people choose their leaders). Sen said the company published a story that hurt the Cambodian government's reputation. However, many people believe the prime minister closed the company to avoid criticism before upcoming elections.



Volodymyr Zelensky, the president of Ukraine, addressed the European Parliament in Brussels on February 9, urging members to include Ukraine as part of the European Union (EU). The EU is a group of 27 nations, mostly in Europe. During his two-day visit, Zelensky said Ukraine has more in common with Europe than with Russia, which invaded the country in February 2022. Zelensky also appealed for more military assistance to fight Russia.





Queensland, Australia New coal mines rejected to protect reef

Australia's minister for the environment, Tanya Plibersek, has denied a mining company permission to dig two open coal mines six miles from the Great Barrier Reef. Plibersek said the risks to the reef, including pollution and damage, were too great. This is the first time a coal mining project in Australia has been rejected under new environmental laws.

The big debate

Is it OK to sell fossils for big bucks?

Many fossils are sold to private collectors. Some people say they belong to the public.

What you need to know

- About 11,000 dinosaur fossils have been found since the early 1800s.
- In many countries, all fossils are considered part of a shared history and belong to the public.
- In the US, dinosaur fossils found on government-owned land belong to the public. Those found on private land belong to the landowner.
- The most expensive fossil ever sold was a Tyrannosaurus rex named Stan, for about \$31.8 million in 2020. It will be displayed at a museum.

that help scientists understand how life evolved on Earth. But not all fossils are available for experts to study. When a fossil is found on public land, the government makes it accessible to scientists. Fossils found on private land, however, can be sold to the highest bidder—often wealthy collectors who pay millions of dollars for them. Institutions like museums and universities often can't pay those high prices, so the fossils end up in people's private collections. Sometimes they're made available to scientists or the public, and sometimes they're not. What do you think? Is it OK to sell fossils for big bucks?



Yes—more money means more fossils

Dinosaur fossils found on private land simply don't belong to the public, and the person who owns them has the right to sell them for any amount they want. Some of the world's most important fossils, like Stan the T. rex, were found by amateur fossil hunters on private land. Without them, Stan might never have been found in the first place. Why shouldn't they be rewarded for that? Digging for fossils is hard, expensive, and time-consuming, and museums and universities don't always have the resources. Giving people a financial incentive to do the work helps everyone—nobody benefits from fossils that are never found.

No—they belong to the public

Important fossils, regardless of where they're found or who found them, should be given to scientists to study because this knowledge benefits all humanity. Less important fossils could be sold to private collectors to help fund the work. Some scientists say it's risky to encourage people to dig up fossils for cash. Untrained people can damage the delicate remains or the dig sites and ruin them for further study. And scientists need to be able to compare one fossil with another and share their knowledge to get a clearer picture of the past. This isn't possible when some specimens are locked away in private collections.

Three reasons why it's OK to sell fossils for big bucks

- Fossils found on private land aren't public.
 Owners have every right to sell them.
- Amateur fossil hunters have discovered important fossils on private property. They should be paid for their efforts.
- Paying people to find fossils will result in more discoveries. After all, fossils that are never found don't help anyone.

NO Three reasons why it's not OK to sell fossils for big bucks

- Fossils are part of our collective history and should be accessible to everyone.
- 2 Untrained fossil hunters can damage a dig site and ruin it, which means scientists can't gain more knowledge from it.
- Scientists need access to many fossils to piece together prehistory, but they can't do that when some are in private collections.

LAST WEEK'S POLL

Last week we asked if stores should be allowed to refuse cash. Your answers made your position clear: 75% of you said no, while 25% of you said yes.

What do you think?

Now that you've read a bit more about this issue, visit <u>kids.theweekjunior.com/polls</u> so you can vote in our debate. Vote <u>YES</u> if you think it's OK to sell fossils for big bucks or NO if you don't. We'll publish the results next week.

The goal of the big debate is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.

Believing in reading

In her new national role, Meg Medina wants to inspire children to read.

Merci

Suárez 🐠

Changes

Medina's award-

winning novel

Cuban American children's book author
Meg Medina is the new National
Ambassador for Young People's Literature.
She was inaugurated (sworn in) on January
24 and is the first Latina to hold the
prestigious position. During her two-year

term, she wants to help children experience the joy of reading that she had as a child.

The ambassador is chosen by the Library of Congress in Washington, DC. Medina is following Jason Reynolds, author of *Look Both Ways*, in the position.

Growing up in Queens, New York, Medina, age 59, was raised

by her mother, a Cuban immigrant, who often shared stories from Cuba. This instilled in Medina a love of stories and her cultural identity. Medina enjoyed reading from a young age and was encouraged by her mother and by her teachers in school. "My

very favorite book was *Charlotte's Web* as a child because it was a book about friendship," Medina told *The Week Junior*.

In 2019, Medina received the Newbery Medal for her novel *Merci Suárez Changes Gears*. She hadn't pursued writing as a career

> until she was 40. "If you are meant to do something, you can't really not do it," Medina said. She added, "It's important to let kids explore their true passion and that's hard sometimes for adults."

As ambassador, Medina has a plan titled "¡Cuéntame!: Let's Talk Books." It involves traveling to classrooms across

the US to speak with students about books they enjoy and ensuring that local libraries are connected with their communities. In her inauguration speech, she said, "I am entering this with a sense of service to our country's young people."



A fresh young voice

Jack Andrews, a 9-year-old in the UK, won the BBC Sounds Rising Talent award in the ages 8—11 category. The award—which spotlights exciting young voices in audio production—was given for his podcast named Jack to the Future after his favorite movie, Back to the Future. On it, he talks to experts about topics ranging from space communication to renewable energy. Andrews says the more people he interviews, the more possibilities he sees for his future. He told his local paper, "We can all make the world a better place."





A taste of kindness

Charles Foreman, who lives in Washington, DC, opened a local ice cream shop, Everyday Sundae, after losing his corporate job during the pandemic. He recently gained national attention for his practice of giving free ice cream to people who can't afford to pay or who could use a mood booster. When his regular customers realized what he was doing, they donated extra cash to keep the good deeds going. He told *The Washington Post* he was determined to do something for the community. "When you see people doing their best, you want to do your best," he said.





Animals and the environment



Saved by a rabbit

Researchers have learned that the Amami rabbit, a wild bunny that lives on Japan's Amami Islands, helps an unusual plant survive. The plant, Balanophora yuwanensis, gets its nutrients from the roots of other plants. Rabbits eat its fruit, then dig burrows and poop out the seeds, which attach to new roots.



Elephant "gardeners" protect the planet

Lephants play a role in preventing the planet from warming, recent research has found. The study looked at African forest elephants in the rainforests of western and central Africa.

These animals act as "gardeners" of the forest by eating plants and scattering seeds through their poop. Researchers found that the elephants' actions are helpful in protecting against climate change (long-term changes in weather patterns, including temperature).

In a forest, some trees have
heavier, denser wood, while others
have lighter wood. The trees with denser
wood store more carbon, a gas that stays in
Earth's atmosphere and traps heat. But trees

Forest elephants
eat a lot of fruit.

damage

with low density tend to grow more quickly. They can block denser trees from getting the sunlight and nutrients they need.

Researchers looked at forest elephants'

feeding habits. The elephants
usually ate leaves and fibers from
low-density trees such as raffia

palms, and fruits from
high-density trees including
the endangered mukulungu
tree. When they ate fruit, the
seeds passed through their
digestive system and were
dropped around the forest,

helping new high-density trees grow. Meanwhile, the elephants' snacking caused

damage to the low-density trees. "They'll strip leaves from trees, rip off a whole branch, or uproot

a sapling when eating, and our data shows most of this damage occurs to low-carbon-density trees," said researcher Stephen Blake, a professor of biology at Saint Louis University. That means high-density trees had "one less competitor" for space and nutrients. The denser trees flourished, absorbing more carbon from the atmosphere and reducing global warming.

Scientists now want to study other large herbivores (plant eaters), such as gorillas and Asian elephants, to see if they play a similar role. The findings may encourage people to protect the animals. Millions of forest elephants once roamed across the African continent, but due to poaching (illegal hunting) and destruction of their habitats, fewer than 500,000 remain. "Save the elephants and help save the planet," Blake said. "It really is that simple."



PLACE OF THE WEEK

Bottle Beach State Park, Washington

This state park in Southern Grays Harbor spreads across 64 acres and is famous for its tidal flats and 6,000 feet of coastline. Tidal flats are marshy areas that are alternately covered and exposed as the tide rises and falls. The park, which sits on the site of a town that was deserted in the 1950s, can be explored through accessible hiking trails. It also has an official state birding trail and is a haven for bird watchers. Visitors can spot as many as 130 species, including the western sandpiper, black-bellied plover, red knot, dunlin, and dowitchers.



Animals and the environment





Gibbons sing duets together

Scientists have discovered that male and female lar gibbons sing duets (songs for two). A recent study found that gibbon pairs make sounds at the same time and at regular intervals. This suggests that, unlike most other animals, they have rhythm.

Lar gibbons live in the tropical forests of Asia. They sing to make friends as well as to make sure other gibbons know where their territory is.

The researchers recorded 215 songs from 12 gibbons—eight living in the wild in Thailand and four at a sanctuary

in Italy. The scientists measured how regularly each note was repeated and how often male and female notes were sung together. They found that male and female notes overlapped 16% to 18% of the time, more than they would have by random chance, meaning it wasn't a coincidence.

The duetting seems to strengthen gibbons' social bonds. Scientists hope this will reveal more about evolution (the way living things change over time). It could explain why humans, who are also primates, evolved to create rhythm.

Animal of the week

Emperor penguins



A new colony of emperor penguins has been discovered in West Antarctica. Scientists found an estimated 1,000 penguins after noticing stains from their droppings on the ice in satellite photos. This is the 66th colony known to exist.

- LIFE SPAN: 15 to 20 years in the wild
- HABITAT: On ice and in water in Antarctica
- **SIZE:** About 45 inches tall and up to 88 pounds
- DIET: Fish, squid, and krill
- **FUN FACT:** Emperor penguins can stay underwater for more than 20 minutes.



Good week / Bad week



Newts

A group of human volunteers is helping newts cross Chileno Valley Road in California. The amphibians are traveling to their breeding grounds, which are in water. The Newt Brigade has helped nearly 6,000 newts cross the road safely.



Sea otters

A pack of wolves on Alaska's Pleasant Island has started feeding on sea otters after wiping out the island's deer population. This is the first known case of land animals relying on sea otters as their main food source.



"Can cats see in the dark? If so, how?" Kayleigh, 12, Wisconsin

Mark Wanner Curator of Mammals, Brookfield Zoo

Cats can see shapes but no colors or specific details. In the dark, their vision is six times better than humans'. Cats have a larger cornea, allowing more light to enter the eye in low-light situations. This helps them hunt, since most cats (and their prey) are active at twilight or at night.



Do you have a question for a zookeeper? Send it to hello@theweekjunior.com. Find out more about Brookfield Zoo at csc.org/BrookfieldZoo.



A daring adventure

The groundbreaking book won a major literary award 60 years ago.

The highest honor in children's literature, the Newbery Medal, went to *A Wrinkle in Time* in 1963. Madeleine L'Engle's work pushed the boundaries of what children's books could be.



Madeleine L'Engle

An artistic author

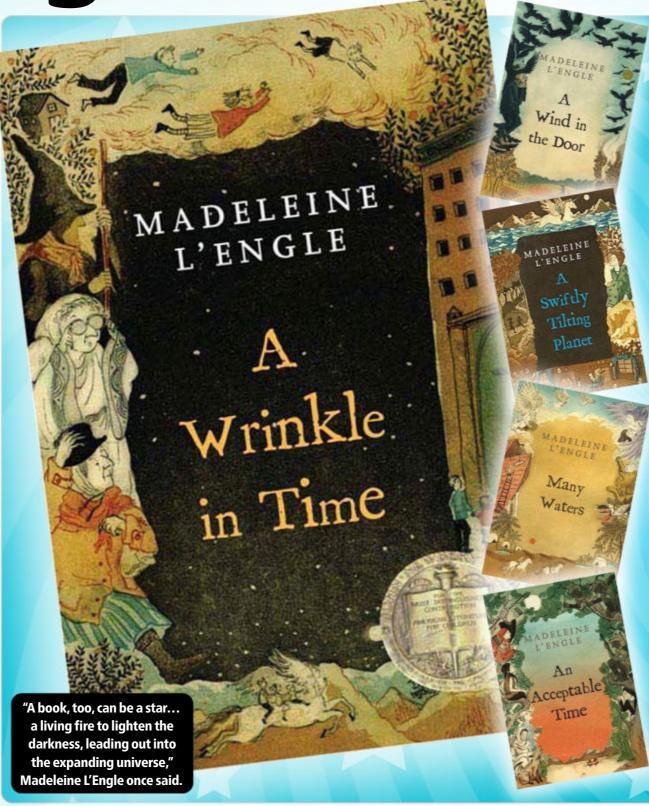
Madeleine L'Engle
(pronounced LENG-el)
was born in 1918 in New
York City. Growing up, she
played the piano, acted in
plays, and loved to read.
When she ran out of books

at home, she began writing her own stories. She won a poetry contest in fifth grade, but her teacher didn't believe L'Engle could've written such a good poem. She continued submitting poems and stories to publishers but received so many rejections that she nearly gave up writing. Fortunately, she kept trying.



Creating a classic

After reading a book about Albert Einstein, a famous physicist (scientist who studies energy and matter), L'Engle was inspired to invent a world based on scientific theories. She wrote *A Wrinkle in Time* in three months, basing the main character, Meg Murry, on her childhood self. With her siblings and friend, Meg seeks to find her missing scientist father. At the time, it was rare for a science fiction story to feature a female main character. Some people also thought the writing was too advanced for children to read. At least 26 publishers rejected it. Finally, the first copies were printed in 1962.



The Mrs. W's

In A Wrinkle in Time, Meg and her brother Charles Wallace and friend Calvin are guided on their journey by three angelic beings with special powers. They also appear in the 2018 film.



Mrs. Which

At first, the children can't see Mrs. Which, who speaks in long, drawn-out words—because she finds it "verry ttirinngg" to appear in a physical form. She appears as a shining light in the book but is later seen in a black robe and pointy hat.



All about A Wrinkle in Time



through space





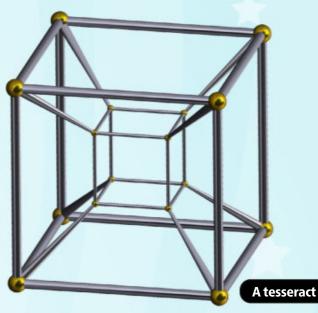
Mrs. Who

Although Mrs. Who's origin is unknown, she appears as a small woman with glasses, which she gives to Meg because they have special powers. She has trouble speaking in her own words, so she communicates by quoting from books.



Mrs. Whatsit

When the children first meet Mrs. Whatsit, she looks like a person. But after they leave Earth, she appears as a shining being with wings. She is the youngest of the three beings and finds it easiest to talk to the children.



Imagination and ideas

To create the novel, L'Engle researched physics and included ideas she found interesting, such as the concept of other dimensions. Einstein proposed that time was the fourth dimension, and the mathematician Charles Howard Hinton invented a four-dimensional shape called a "tesseract." In the book, tesseracts are a fifth dimension, providing a way for the characters to travel through space and time. L'Engle also picked up some ideas from quantum theory, which says that everything in the universe is made up of waves and particles (very small pieces of matter). These tiny parts can move and change. In the universe in the book, people can rearrange particles to walk through walls.



The story continues

L'Engle, who was a volunteer librarian before her death in 2007 at age 88, wrote more than 60 books in her lifetime, insisting that her work was for people of all ages. "People underestimate children," she said in 2004. She followed *A Wrinkle in Time* with four more novels about the Murry family: *A Wind in the Door, A Swiftly Tilting Planet, Many Waters*, and *An Acceptable Time*—known together as the Time Quintet. The first book remained the most successful and has been turned into two movies, a play, an opera, and a graphic novel. In October 2022, it was announced that *A Wrinkle in Time* is being adapted into a Broadway musical.



Science and technology



Science shows why chocolate is so good

Why do people love chocolate so much? Scientists at Leeds University in the UK think they have the answer, and it has to do with how it feels rather than how it tastes. The secret, they found, is in chocolate's fat content and the way it becomes smooth in your mouth when you eat it.

All chocolate naturally contains some fat. The scientists used high-end brands of dark chocolate

containing varying amounts of cocoa (also known as cacao—see the box at right). The more cocoa there was in a sample, the higher its fat content and the darker and less sweet the chocolate was. The team wasn't interested in how the chocolate tasted, however. They wanted to know what happens when chocolate

makes direct contact with the tongue and starts to break down in the mouth. This area of science is called tribology, which studies how surfaces and fluids interact.

Dark chocolate

is less sweet.

For the study, the scientists designed an artificial tongue—a textured 3D surface that moved and felt like a real tongue. As the chocolate melted and mixed with fluids on the tongue, the team realized that the fat in the chocolate was the key to its appeal. When the chocolate first came

into contact with the tongue, the fat—along with other ingredients in the chocolate—mixed with saliva and spread around the mouth, creating a smooth coating. After that, the cocoa particles containing the chocolate's flavor were released.

But it wasn't just the fat content that helped create that smooth feeling, it was also where the fat was located in the chocolate. The most

important factor was that the fat was on the outer layer of the chocolate. It

also mattered whether the fat effectively coated all the cocoa particles. The team concluded that the fat deeper inside the chocolate plays less of a role in the enjoyment of it and could be reduced without much effect.

The scientists hope their

research will lead to new kinds

of chocolate that are better for people. "We believe that a next generation of chocolate can be developed that offers the feel and sensation of high-fat chocolate yet is a healthier choice," said Siavash Soltanahmadi, lead author of the study. The research team also said the tribology techniques they used could be helpful in investigating other foods, such as butter, cheese, and ice cream.

How chocolate is made



Chocolate starts out in the hard, football-shaped pods of cacao trees, which grow in warm, humid climates. Workers cut down the pods and crack them open with a machete (large blade), then scoop out dozens of beans from each one. The beans are laid out on tarps, covered with leaves from banana trees, and left to ferment and dry out for a couple of weeks. The beans' complex flavor begins to develop during this process.

Next, the beans are roasted and their shells are removed, leaving behind cacao nibs. The nibs are ground into a paste called chocolate liquor, which, despite its name, is non-alcoholic. Chocolate makers add ingredients like sugar and milk to the liquor to create their own signature products. These become the rich, tasty chocolate treats people enjoy around the world.

Science and technology



Ants could learn to sniff out cancer in people

Ants can learn to smell diseases in people and possibly help with treatment, according to new research. Scientists in Europe trained ants to smell cancer (a collection of diseases caused by cells that grow out of control). They hope this could lead to ants detecting cancer in its early stages in humans. Early detection improves the likelihood of

recovery, but current detection methods are

expensive and invasive.

Ants don't have noses but use their antennas to pick up scents. They have a remarkably high number of odor receptors compared to other insects. Cancer cells release combinations of chemicals called volatile organic compounds (VOCs), which can make their way into urine and

sweat. The team wanted to see if ants could recognize the smell of the VOCs.

The researchers placed human cancer cells in mice. They then trained silky ants to recognize the smell of urine from those mice and to associate the smell with a sugary reward. The ants

learned to do this after three training sessions.

The ants were then presented with the urine they had learned to associate with sugar and the urine of healthy mice.

The ants spent more time near the urine from the mice with cancer.

The research was successful, but the team behind it said there is more work to be done. Baptiste Piqueret, one of the scientists, told *The Washington Post* that the possibility of regularly using ants to detect cancer is still far away.





Were T. rexes actually super smart?

A new study suggests that the Tyrannosaurus rex may have been much smarter than experts believed. Suzana Herculano-Houzel of Vanderbilt University in Tennessee compared a T. rex skull to the skulls of its modern bird relatives, such as ostriches and emus. She found that the T. rex could have had as many as 3 billion neurons (nerve cells that send signals around the brain).

This quantity of neurons is similar to that of a baboon, which experts

consider an intelligent animal.
Herculano-Houzel believes T. rexes
may have been able to solve
problems, use tools, and pass
knowledge down through
generations. The dinosaurs were
"even more magnificent predators
than previously thought," she said.

Not all scientists are convinced, however, that skull and brain size determine intelligence. For example, crows have much smaller brains than baboons but are still very intelligent.



Scientists in the UK created a device that drives sharks away from fishing equipment, which they can accidentally get caught in. SharkGuard attaches to a fishing line and emits a pulsing, short-range electric field. Sharks have the ability to detect electrical pulses.

The researchers tested the device using fishing lines with and without SharkGuard attached. The sharks avoided lines with the device, reducing catch rates in one species by as much as 91%. Scientists hope SharkGuard will protect shark populations at risk of extinction.



Photos of the week







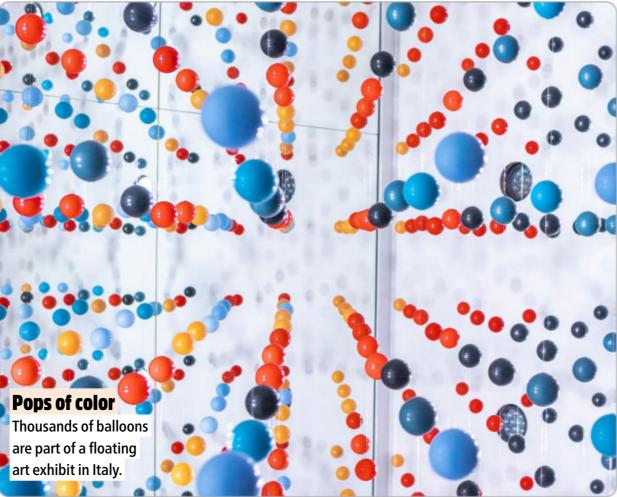


GETTY IMAGES (4); JULIA; REUTERS

Photos of the week











Sports



Jalen Hurts

Competing brothers



Jason Kelce of the Philadelphia Eagles and Travis Kelce of the Kansas City Chiefs made history as the first brothers to play each other in a Super Bowl. Their mom, Donna, wore both teams' colors to the game. When it was over, the brothers met on the field and hugged.

Kansas City Chiefs win Super Bowl

On February 12, the Kansas City Chiefs beat the Philadelphia Eagles, 38–35, to win the Super Bowl, the championship game of the National Football League (NFL). It is the Chiefs' second title in four years.

The game was played in front of a crowd of 67,827 at State Farm Stadium in Glendale, Arizona. It was the first Super Bowl to have two Black starting quarterbacks, Patrick Mahomes of the Chiefs and Jalen Hurts of the Eagles. During the regular season, the teams were number one in their respective conferences.

Both teams started the game strong. They used their first possessions to go right down the field and score touchdowns, setting the stage for

a thrilling competition. During one key play in the second quarter, when the Eagles were ahead 14–7, Hurts had a midfield fumble. The ball was picked up by Chiefs linebacker Nick Bolton,

who carried for 36 yards and a

touchdown. After a field goal, the game was tied. The Eagles then scored 10 straight points to go into halftime ahead, 24–14.

On the first possession after the break, Mahomes cut the lead to three points. In the fourth quarter, the Chiefs were up 28–27 when their

wide receiver Kadarius Toney made a 65-yard punt return, the longest in Super Bowl history. He brought the ball to the 5-yard line, which helped Kansas City get set up for a touchdown that put them up 35–27. The Eagles offense responded with a drive that included a 45-yard catch by wide receiver DeVonta Smith. Hurts then ran in his third rushing touchdown of the game. The Eagles made a two-point conversion to tie the game at 35–35.

With less than three minutes left, Mahomes ran the ball for 26 yards to help get it closer to where kicker Harrison Butker could try for a game-winning field goal. With seconds left, he made it. The Eagles are the second team in Super Bowl history to lose the game after having a double-digit lead at halftime.

Mahomes, who played on an injured ankle, was named the Super Bowl's Most Valuable Player for the second time in his six-year career. He had 182 passing yards, 44 rushing yards, and three passing touchdowns in the game.

THIS WEEK'S WINNERS...

COLLEGE HOCKEY

On February 13, in the final of the 70th annual men's Beanpot—a tournament featuring Boston-based Harvard University, Northeastern University, Boston University (BU), and Boston College (BC)—Northeastern beat Harvard in a shootout, the first in Beanpot history. (Boston is nicknamed Beantown.) In the 44th annual women's Beanpot final, Northeastern was set to play BC on February 14.



DISTANCE RUNNING

American David Kilgore won the World Marathon Challenge on February 6. In the event, participants run seven marathons on seven continents in seven days.

SKIING

On February 8, American Mikaela Shiffrin won silver at the World Alpine Skiing Championships. It was the 12th time she medaled in the competition, tying a modern-era record for most individual medals won at it.

Sports





Undefeated hoops teams face off

The only two remaining undefeated college basketball teams in the country met in a highly anticipated game on February 12. It featured the number one ranked women from the University of South Carolina, the reigning national champions, and third-ranked Louisiana State University (LSU). South Carolina won, 88–64, on their home court in front of a crowd of 18,000. It was the team's 31st consecutive victory.

South Carolina got off to a tremendous start, leading the game 18–2 within the first six minutes. LSU hadn't faced a larger deficit all season. At halftime, LSU was down 42–32, but they started the third quarter on fire, trimming South Carolina's lead to five points. South Carolina followed up by increasing their intensity. They put together a strong run and led 64–48 heading into

the final quarter, where they never lost the lead. The win upped their record for the season to 25–0.

Five South Carolina players scored in double digits in the game. One was center Kamilla Cardoso, who racked up 18 points and 13 rebounds off the bench. Star forward Aliyah Boston scored 14 points and grabbed nine rebounds. In all, South Carolina collected 43 rebounds, while LSU had 25.

LSU guard Alexis Morris had a standout performance, scoring 23 points to lead her team. She also pulled down six rebounds and hit her team's only three-pointer. South Carolina's defense managed to hold down LSU forward Angel Reese, who has been her team's top scorer. She scored 16 points, which was her second-lowest game total of the season.



Coach's Name: Natasha Hammill

Team: Team AK (ski jumping and Nordic combined)

"Coach Natasha is an amazing coach because she teaches us a sport that not many people have an opportunity to do. She teaches us stuff like having a good shin angle in our position on the inrun (the angled slope before the jump) and to lean forward in the air. Coach Natasha is encouraging and motivating. She tells us what we need to improve in a positive way. That's why we like Natasha as our ski jumping coach!" Emmett, 9, and Zeke, 10, Alaska

To nominate a Coach of the Week, send your coach's name, photo, sport, and team to *hello@ theweekjunior.com*. Include your name, age, state, and a few reasons why your coach is great.

SPOTLIGHT ON...



Daniel Wu AGE: 22 SPORT: SOCCER TEAM: GEORGETOWN UNIVERSITY

Having a ball I started playing soccer at around 3 years old. My dad took me to play with other Chinese kids every Sunday. It was fun to be able to score goals and learn different moves for the first time. I think I realized I wanted to pursue soccer at a high level at around age 8. I always had fun playing, which was why I wanted to continue. My dad was the main reason why I'm here today and is still my main support system.

Athletic idol For soccer, my role model is Lionel Messi.

Big change When I was young, it was hard to take criticism from a coach. Mentally, I'd be down afterward. I am proud of being able to overcome that.

Staying active I try to practice on the field every day. Since I am a defender, I like to practice my footwork as well as my passing. I also lift weights to stay in shape and swim sometimes. On my days off, I like to play basketball, golf, and video games.

Major moment My biggest accomplishment is winning the college national championship with Georgetown in 2019. I treat big games like any other game so there's not much pressure. My next goals are to get drafted by and sign with a Major League Soccer team.

His advice For any sport, make sure you're having fun when you play it. That's how it is when I play soccer, basketball, and golf. And if you want to pursue something at a high level, especially at a young age, just go out and play every day. The more time you spend practicing something, the better you'll be at it.

February 24, 2023 • The Week Junior



Disney artifacts on display

A new exhibition celebrates the 100th anniversary of the Walt Disney Company with treasures from its archives.

This year marks the 100th anniversary of the Walt Disney Company, and a new exhibition called *Disney100* is helping to celebrate the milestone. It opens on February 18 at the Franklin Institute in Philadelphia, Pennsylvania. It will later travel to Chicago, Illinois, and Kansas City, Missouri.

The Walt Disney Company was co-founded by animator and producer Walt Disney and his brother, Roy. Walt created the Mickey Mouse character and spearheaded the Disneyland

theme park in Anaheim, California. Over the years, the global entertainment company grew to include Pixar, Lucasfilm (the company behind *Star Wars*), and Marvel Entertainment.

The Walt Disney Archives, which collects and preserves the company's treasures,

created *Disney100*. "Our goal was to take some of the fun, beautiful things in our collection and share them with the people who love them the most, which are our fans," archives director Becky Cline told *The Week Junior*. She called it "a thank-you to the audience."

There will be more than 250 items on display across 10 themed galleries. Some of the items are part of interactive installations. "We're using a lot of special technology to bring these assets to life and make them more magical," Cline said. For example, a snow globe from *Mary Poppins* will appear to have birds flying around it, and a *Sleeping Beauty* storybook will come to life with projections.

Cline is excited about how the exhibition will make visitors feel. "I want people to remember their experiences with Disney films they loved and attractions that they enjoyed riding on," she said.

Highlights from the show

Concept art

Before a film is made, visual development artists come up with different ideas for what

the characters and settings could look like. Visitors can see concept art from The Princess and the Frog, Alice in Wonderland (right), and more.



Props and costumes

Walt Disney

One section of the exhibition focuses on the spirit of adventure and discovery. This is where visitors will be able to see pieces from the company's live-action films. Some of the items include a full Black Panther costume, Captain America's shield, and a puppet of the *Star Wars* droid BB-8.



mask

Theme park memorabilia

A vehicle from the Matterhorn Bobsleds ride at Disneyland (below) is among the items in a gallery about the parks. The room features special lighting that periodically changes to shift the scene from day to night, along with other magical effects.

Arts and entertainment





Pokémon story comes to an end

fter more than 25 years at the center of the hit show Pokémon Ultimate Journeys: The Series, the characters of Ash Ketchum and his best friend Pikachu are saying goodbye. The Pokémon Company is ending their story and will introduce a new set of heroes in their place. Their final chapter begins

airing on Netflix on February 24. Pokémon Ultimate Journeys is produced in Japan and made in the animation style known as anime. The show is based on a popular video **Natochenny** game series. An English-dubbed version of Pokémon Ultimate Journeys premiered in the US in 1998. It follows Ash, a brave 10-year-old, who travels around with a pokémon (short for pocket monsters) named Pikachu and competes to be the world's greatest pokémon trainer. Ash finally achieved his goal in an episode of the series that aired in Japan in late 2022.

In several special final episodes, Ash and Pikachu will go on a farewell tour and reunite with fan-favorite characters. The show's new story arc will follow a young girl and boy and include

pokémon from the video games Pokémon Scarlet and Pokémon Violet.

One person who is feeling sad about Ash's story ending is Sarah Natochenny, who has provided his English voice since 2006. She told NPR that many fans have thanked her for helping them learn English. She also talked about Ash's "'can-do' spirit, his love

for his pokémon, his love for his competitors," and said, "I think these are all wonderful lessons for people of all ages to learn." In an interview with Polygon, she also said that Ash taught her to stay positive "and remember there's always a way to get where you're going without intentionally hurting people along the way."



READER RECOMMENDS

Sarah

DraintheOceans(ABC,NationalGeographicandotherplatforms) "This documentary series is about shipwrecks and artifacts from the past that are hidden under water. Each episode has a theme, such as atomic bombs or ancient Egypt. It features treasure hunters and maritime archaeologists (scientists who study objects left by people long ago) looking for lost wrecks using sonar imaging technology. With it, they can re-create the wrecks in insane detail. I really like the show because it makes me think about the world and how it varies from the past. The war-related stories make me emotional thinking about soldiers and their sacrifices." Heidi, 12, Michigan

Do you have a film or TV show to recommend to other kids? Send your review to hello@theweekjunior.com.





American Idol (ABC) (Hulu) February 19

The 21st season of this singing competition returns with host Ryan Seacrest and superstar judges Lionel Richie, Katy Perry, and Luke Bryan. They will hold auditions in cities across the country to choose which contestants will get a shot at the American Idol title and a cash prize.



Ant-Man and the Wasp: Quantumania

(In theaters February 17)

Marvel's Ant-Man is a superhero who can shrink to the size of a tiny bug. In this third installment of his franchise, he and his squad explore a secret universe and meet Marvel's next chief villain. The film is rated PG-13.



Pinecone & Pony (Apple TV+)

This animated series is based on a book and set in a fantasy world. It follows the adventures of a young girl named Pinecone and her best friend, Pony. Season two finds the duo on quests that include seeking out answers to a ghost mystery.



Race dinosaurs in new game

Gigantosaurus: Dino Kart is a new multiplayer racing game. It is out now for the Nintendo Switch, Xbox One, PlayStation systems, and the PC. It is based on the popular *Gigantosaurus* animated television series.

If it were possible to take the hit Nintendo game Mario Kart and blast it 100 million years in the past, the result would be something like Gigantosaurus: Dino Kart. The game is set in the ancient land of Cretacia. It is filled with giant creatures, prehistoric forests, volcanoes, and small race karts that zip around courses cutting through the landscape.

There are 15 racetracks and three tournament locations in the game: the Savannah (grassy plain), the Jungle, and Mount Oblivion. They all have different terrain and unique features, such as massive trees, rocky deserts, or pits around the tracks that

are filled with bubbling lava. Adding to the challenge is the looming presence of the Gigantosaurus named Giganto. He is similar to a T. rex and stomps around the courses, causing trouble and creating obstacles for racers.

Up to four players can race at a time, and they can choose to drive as eight different prehistoric characters from the television series. The game is narrated by a young female dinosaur named Mazu, and

other eligible racers include the dinosaurs Bill, Rocky, and Tiny.

Each of them can drive in a variety of different vehicles, from three-wheel karts to single-motor airplanes that glide off cliffs and help players hit key shortcuts.

For fans of *Gigantosaurus*, the game is an exciting new way to experience life in Cretacia, but the game is also a fun ride for anyone who enjoys wild, wacky races.



ICE AGE MYSTERY SOLVED

tinyurl.com/TWJUS-CaveMystery

The meaning behind the cave art depicting animals that was created by humans during the Ice Age has been a mystery for 20,000 years. This video presents a new theory that suggests the paintings could have been among the first examples of calendars tracking the passage of time.



APP OF THE WEEK

Mazu



EARTH RANGERS

Apple Podcasts, Google Play, Amazon This new app was created by Earth Rangers, an organization that aims to empower young environmental leaders. It features dozens of activities, allows you to virtually explore real habitats, provides ideas on how to make an impact in your local community, and more.



THE KENNEDY CENTER

tinyurl.com/TWJUS-Songbook

On the website for the national cultural center in Washington, DC, you'll find *Songbook*, a new web series for kids. Each episode focuses on a middle school student who has written a poem inspired by a book. They team up with a musician and turn their work into an original song.



Book club



BOOK OF THE WEEK

The Swifts: A Dictionary of Scoundrels

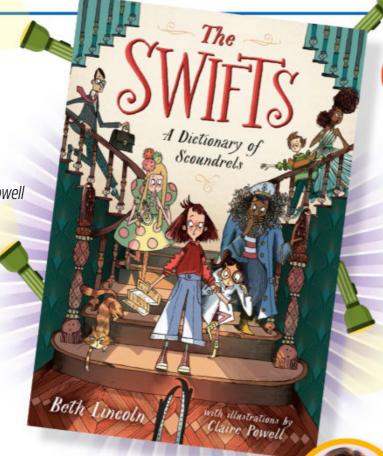
By Beth Lincoln, illustrated by Claire Powell (Dutton Children's Books)

Shenanigan Swift comes from a family of people who pick their children's names out of a dictionary, and each person is expected to carry out the definition of their name. Shenanigan is mischievous, as her name implies. When relatives gather at her house to hunt for treasure, she sketches a map of the house, including trap doors and hidden rooms. Just as the treasure hunt begins, someone pushes Arch-Aunt Schadenfreude ("schadenfreude" means getting pleasure from tragedy) down a flight of stairs. Who did it? Leave it to Shenanigan to attempt to piece the puzzle together. In some ways, this mystery may remind you of the board game Clue. The clever wordplay makes the story even more fun to read.

IN A BOOK!

We're giving away five copies of The Swifts.

For a chance to win, send your name and address to contests@theweekjunior .com with The Swifts in the subject line. Enter by midnight on March 10. See theweekjunior.com/terms for complete rules.



ASK THE AUTHOR

Beth Lincoln

We spoke to the author of the Book of the Week.

What inspired this book?

It's full of what I love: country houses, word games, and puns.

Yes, I was scared of everything. But the weirdest thing I was frightened of was the Durham Panther. It was supposedly a descendant of an escaped zoo animal and was said to roam the countryside near where I grew up in the UK.

What was your favorite type of book?

I loved fantasy and I still do! I really enjoyed *The Golden* Compass by Philip Pullman.

If you weren't an author, what would you be?

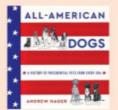
In an alternate universe, I think I would have worked in theater, TV, or film. I'd be behind the scenes, doing makeup for horror movies.

Starting Wordle word?

Irate—it uses three vowels and two common consonants.



A wide variety of creatures have lived in the White House, as these picks reveal.



ALL-AMERICAN All-American Dogs

By Andrew Hager (Dey Street Books) More than half of the 46 US Presidents have had at

least one dog living with them in the White House. In fact, President Joe Biden isn't the first to have a dog named Major. This book will tell you about the other Major. See photos of the Presidents and their pets. Ages 10+

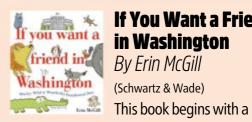


Exploring the White House

Bv Kate Andersen Brower (Quill Tree Books)

One chapter of this fact-filled

book is devoted to White House pets. The 30th President, Calvin Coolidge, owned a dog, a bird, lion cubs, a goose, and a donkey. Dwight D. Eisenhower, the 34th President, received an elephant as a gift. In 1990, First Lady Barbara Bush wrote a book about her dog. *Ages 8–12*

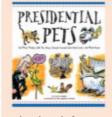


If You Want a Friend in Washington

By Erin McGill

(Schwartz & Wade)

famous quote by the 33rd President, Harry S. Truman: "If you want a friend in Washington, get a dog." The book contains illustrations of the dogs, cats, and other pets that some Presidents had. You'll also find out about some unusual pets, like pet alligators! Ages 6+

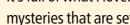


Presidential Pets

By Julie Moberg, illustrated by Jeff Albrecht Studios

(Charlesbridge)

This book features rhymes about Presidential pets. One rhyme: "The Clintons' cat, Socks, was treated like a king. He roamed around the gardens, visitors' office, and West Wing." Cartoon-like drawings and interesting trivia facts make this a fun read. Ages 6+



mysteries that are set in

Did you have any childhood fears?

READER RECOMMENDS

Whispering Pines By Heidi Lang

"This book will leave you on the edge of your seat. After Rae's father mysteriously disappears, her mother thinks it's a good idea to move to a new town for a fresh start. But Whispering Pines is not your normal small town. Kids start to disappear in Whispering Pines, and a company seems to be watching Rae's every move. Could this town be connected to the disappearance of her father?" Claire, 13, Nevada Do you have a book to recommend? Send your review to hello@theweekjunior.com.





How to...



Appreciate fine art

Focus on all

the details.

Find out how to connect with paintings, sculptures, and more.

Going to an art museum or gallery can be a fun activity to do with family and friends. For many people, though, viewing art can feel intimidating. It may even seem boring if you're not sure what the art is about. Thankfully, there are many ways to appreciate different types of art and tap into what the work might mean to you. Here are some steps to get you started.

Choose a museum

You don't need to visit the most famous museum in your area. Instead, have an adult help you look at the websites of a few local museums to see what types of art or special exhibits are on display. Choose one to visit that has something you're interested in. For example, if you love fashion, you might head to a museum that is featuring sketches from famous designers. If you enjoy taking photos, you might want to view a photography exhibit.

Take your time

When you're at the museum and a piece of art catches your eye, pause and spend some time really taking it in. You can start by getting close to the artwork (without touching it) so you can see details you might miss if you were viewing it online. If you're looking at a painting, for example, consider the texture on the surface and whether any brushstrokes are visible. Then step back and look at

the way the brushstrokes work together to create the piece of art. Think about the story the artwork may be trying to tell. Try looking at it from a different angle, or bring a notebook and pencil with you so you can sketch it. You might see new aspects of it that you didn't notice before.

Consider the meaning

Once you've absorbed the physical aspects of the work, try to find out more about what it means. A volunteer at the museum (often called a docent) may be available to talk to you about the piece. Free brochures may also

provide information. You can also ask yourself

what the work means to you. For example, maybe the colors in the piece remind you of a place that's special to you or it taps into emotions you've been feeling.

Reflect on what you saw

Thinking about the meaning, subject, colors, and setting of a piece of art can help you better understand and appreciate

artists and their work. After you leave the museum consider which pieces of art stay in your mind and why. Talk to a friend or adult who went with you, and ask them about their favorite pieces, too. Thinking about how artists—especially those who might be from a different background or lived thousands of years ago—can connect with others through their work is part of the magic of art.

4 museums you can visit online

From famous paintings to ancient artifacts, these museums offer tours you can take from home.

The British Museum

This museum in London, in the UK, offers an online collection featuring art and artifacts from around the world that date back as far as 2 million years ago. tinyurl.com/TWJUS-TBM

The Louvre

You can
virtually
walk five
galleries of
this museum
in Paris, France,

to spot everything from paintings by artists like Rembrandt to an exhibit on the importance of dance. tinyurl. com/TWJUS-LouvreTour

The Metropolitan Museum of Art

The online time machine at this New York City museum features treasures such as an ancient bowl that sits on top of carved feet. tinyurl.com/TWJUS-MetTour

National Museum of Natural History

In the online tour of this museum in Washington, DC,

you can go back in time and zoom in on a giant mastodon fossil. tinyurl.com/TWJUS-NaturalHistory



How to...



REDUCE YOUR SCREEN TIME

It's easy to end up spending a lot of time on a computer, tablet, or phone during the day, which can take away from other interesting things you could be doing. Here's how to be more mindful of your screen time.

- **1. Set a timer.** If you don't already have a certain amount of time you're allowed to spend on screens after school, talk to an adult about what a healthy amount might be for you. Then set a timer on the device so you know when to put it down.
- **2. Do other activities first.** Try to leave screen time for after you've completed other things you want to do. This could include responsibilities like homework and chores but also fun things like getting outside.
- **3. Check in with yourself.** Think about how time on your device makes you feel. If you ever find yourself upset about something you see online, it's time to talk to a trusted adult. This also may be an indicator that you should have a few screen-free days.





Make veggie miso fried rice

Ingredients

- 1 tablespoon brown miso paste
- 2 tablespoons soy sauce
- 2 tablespoons water
- 1 teaspoon toasted sesame oil
- 1 garlic clove, minced
- 3 tablespoons vegetable oil, divided
- 1 small onion, diced
- 2 small carrots, diced (about ½ cup)
- 1 small head broccoli, cut into small florets (about 1 cup)
- ½ cup frozen peas, thawed
- 2 eggs, beaten
- 4 cups cold leftover white rice
- Salt and freshly ground black pepper
- 2 scallions, finely sliced, for garnish

Instructions

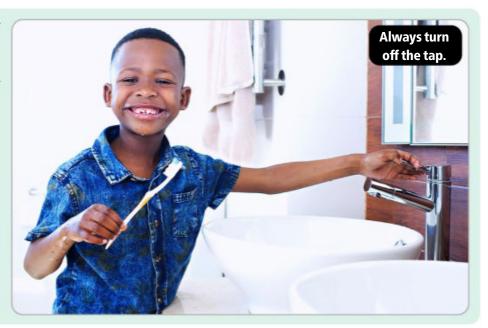
- **1.** Combine the miso, soy sauce, water, sesame oil, and garlic in a small bowl and mix well. Set aside.
- 2. Heat two tablespoons of vegetable oil in a wok or large skillet over mediumhigh heat. Add the onion and carrots and cook, stirring, for two minutes. Add the broccoli and peas and stir-fry for three more minutes.
- **3.** Push vegetables to one side and add the remaining tablespoon of oil to the

- pan. Pour in the egg and scramble, breaking it into pieces with a spoon.
- **4.** Add the rice and stir to combine with the vegetables and egg. Pour in the prepared sauce and mix well to coat. Cook until rice is heated through, about one more minute. Season to taste with salt and pepper.
- **5.** Divide rice among bowls and top with the sliced scallions. Serve immediately. Makes four servings.



SAVE MORE WATER

Water is a natural resource that all living things (including plants, animals, and humans) need to survive. That's why it's important not to waste it. Start by taking simple steps in the bathroom. Turn off the faucet while brushing your teeth and consider taking short showers instead of longer ones. Next, ask an adult to help you look around for other ways you might be unintentionally wasting water, such as a leaky faucet or a toilet that won't stop running. Repairing them will reduce your water usage. Finally, consider the water you use outside. If you have a garden, try watering it with a watering can this spring, which is more efficient than using sprinklers.





Puzzles



Can you find all these parts of a ship in the grid? Can you find all these parts of a ship in the grid?

They are hidden horizontally, vertically, or diagonally and can be forward or backward. When you're done and can be forward or backward. When you're done,

ANCHOR	PROPEL	LER						re	ead tl	he re	mai	ning	lette	rs to	get a	a bor	nus n	nessa	age.	
BEAM	PROW																			
BERTH	SAIL								Н			W	0	В						
BOOMS	SPAR	U			J	I	В			G	Ε	S		R						
BOW	STEM		Н	I	Р		U							1	Α	S				
BRIDGE	STERN						L	W	М					D	ı	Р	Т			
BULKHEAD	TILLER		-		1		K	Ε	Е	L				G	L	R	S	Н		
CABIN	WINCH	0	V			-					_									
CROW'S NEST				0			Н	M	Α	L	E			E	W	0	R	Р		
DECK		-	1	5		0	Ε	K	N	U	Υ	Н		S	Α	Р	Н	I		
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KEEL				M	I	Z	Z	Ε	N	M	Α	S	T	0	R	T	T	N		
MIZZENMAST					W	Υ	M	В	Ε	I	I	L	Ε	Ε	Р	0	R	T		
MOTOR			L		В	0	0	М	S	S	L	0	F	R	М	0	Р			
PORT						Ε	Ε	L	T	S	Α	C	Ε	R	0	F				

OFF SIDES

Make three different five-letter words by

using the letters given to fill in the blanks.
CDLMTT
IMI
IMI
IMI
1 141 1

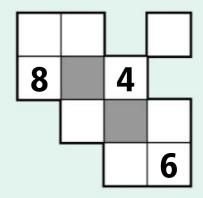
FILL IN THE BLANKS Fill in the blanks in each sentence with words that are

anagrams of each other, like STAR and ARTS. (NEED A HINT? Check the bottom of the page.)

1. Our dog doesn't pull on his _ sprained ankle	, but my mothe	er will have to walk him until my
2. There was a	rain falling when we got	to the outdoor arena, but
we	for the whole concert anyway.	
3. The robots we built in science	e class this year have a	range of motions than
the old ones, so we	them to do all sorts of	crazy,
things like drilling holes in po	tatoes.	

Out of order

The numbers 1 to 9 can fit, one per square, so that no two consecutive numbers are in squares that touch in any way, even at a corner. Use the numbers already given to figure out where the rest of the numbers go.



Spot the difference These two pictures of chocolates appear to be the same, but take a closer look. There are actually five differences. Can you see them?





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ÓNÍNA GUBRÚN ÓSKARSDÓTTIR; GETTY IMAGES (4); AP.; SHUTTERSTOCK; ON LEFT PAGE: GETTY IMAGES

T



Dog is adopted despite bad ad

An animal shelter in New York posted an unusually honest adoption ad for a dog named Ralphie. The 14-month-old French bulldog was described as "a terror in a somewhat small package" whose "cute face got him whatever he wanted." The ad resulted in numerous adoption applications and ultimately, in early February, a forever home. His new owner said that with the help of sliced hot dog treats, Ralphie is learning to be a good boy. "He's amazing," she said. "I am completely in love!"

An outfit ready to glow

The rapper and musician Doja Cat recently appeared at a fashion show in Paris, France, wearing a unique outfit. She wore a bright red top and a skirt made with red wooden beads, and she was covered in red body paint and 30,000 red crystals. It took nearly five hours for the star to get ready, as makeup artists had to apply each crystal by hand. Pat McGrath, from the makeup team, described Doja Cat's patience as "inspiring."





Walking high over a city

Rafael Bridi and Erika Sedlacek certainly have a head for heights. The daring duo of performers teetered along a 1-inchwide, 1,673-foot-long slackline stretched between two buildings, 374 feet above the streets of São Paulo, Brazil. The pair performed the 25-minute stunt to mark the 469th anniversary of the Brazilian city. Bridi said he enjoyed waving at people in the buildings below.



Dream job for cheese lovers

Have you heard the theory that eating cheese before bed gives you nightmares? Researchers are putting that idea to the test. They're paying five lucky people \$1,000 to snack on cheese before they snooze. For three months, each tester must take notes about their dreams, how they sleep, and how they feel during the day. The goal is to discover how different types of cheese affect dreams. Is this story true? Or is it as full of holes as Swiss cheese?*



A high-end resort for rabbits

When people are away, rabbits can still play at the Bunny Style Hotel in Hong Kong. It provides amenities such as a playroom, a wooden castle, and spa treatments for bunny guests—plus hair brushing and plenty of compliments. "I talk to them a lot, telling them how beautiful and cute they are," said owner Donna Li. She originally founded the resort as a rabbit refuge during Hong Kong's hot summers. But now, with millions of people traveling for the Lunar New Year, the hotel is fully booked. These pets are starting off the Year of the Rabbit in style.

*Real! Yes, you "feta" believe it! A company called Sleep Junkie is testing the theory that chomping on cheese before sleep gives people bad dreams. The cheesy experiment will kick off in March and continue for three months.

Your turn

Editor's note

There were quite a few major moments in US sports in the past week. Our cover features one of them: LeBron James of the Los Angeles Lakers became the National Basketball Association's all-time leading scorer (p5). The previous record holder was Kareem Abdul-Jabbar, another Lakers legend, who scored 38,387 points in his career—a number so high that it was untouched for nearly 39 years. It was exciting to see James score his 38,388th point—and to see Abdul-Jabbar congratulate him on the court afterward. Also this week, the Super Bowl featured two Black starting quarterbacks and two brothers playing on opposing teams for the first time in National Football League history (p18). Congratulations to the Philadelphia Eagles and the Kansas City Chiefs on their great seasons and to the Chiefs on their championship title.

> Andrea Barbalich Editor-in-Chief



CARE, which stands for Cooperative for Assistance and Relief Everywhere, works to fight poverty. It works with people, groups, and local governments in more than 100 countries to prevent hunger, help girls get an education, provide emergency response relief, and more. It is currently raising funds to help people affected by the earthquake in Turkey and Syria. Find out more at care.org.

Providing birthday fun for others

66 At my school, I am part of the Equity and Inclusion Board, and we are doing a volunteer project for Black History Month. Martin Luther King inspired us to do service. We invited students to make birthday boxes (filled with goodies such as cake mix, balloons, toys, and birthday cards) and then decorate the boxes! Over 200 boxes were delivered to a shelter for disadvantaged children and families in Queens in New York City. Now many children will have a nice birthday when they open up a special box with surprises. 77



Have you done something interesting or raised money for a cause you care about? Whatever you're up to, we want to hear about it at hello@theweekjunior.com.

READER RECOMMENDS

Vote for your favorite books!

Have you read any books you've enjoyed so much you wish all kids knew about them? Contribute to our 50 Books Kids Love Most list for 2023! The reading list, with quotes from readers, will be published in The Week Junior in June. We're looking for at least 100 kids to fill out our voting form. If you'd like to vote, have an adult email us at hello@theweekjunior.com with Books Kids Love in the subject line, and we'll send the form to you. Happy reading!



THE WEEK IT'S YOUR TURN

Email your news, views, and photos to hello@theweekjunior.com.

YOUR PHOTOS We'd love to see pictures you've taken or pictures with you in them! Send them to us at hello@theweekiunior.com, along with anything you'd like to tell us show the send them to us at hello@theweekjunior.com, along with anything you'd like to tell us about what's in the photo.



"Nothing beats reading *The* Week Junior on a snowy day, ideally by a fire!"

Oliver, 10, California

"This was the best soup ever! I brought it to school for lunch."







"My family and I really love to read the Big Debate together and then vote online." Jack. 9. Louisiana

POPJAM

Sign up and follow @theweekjuniorus on PopJam, a social media platform for kids 7-12. Ask an adult to download the app from iTunes or Google Play.

We asked: What famous person from history would you like to meet and why?

"George Washington Carver, because I look up to him."

Neil Armstrong. I vould ask him the Moon.<mark>'</mark>

Hamilton and Anne Frank, because I find them fascinating."

vas a charming and good President.

In the big debate, we asked: Should stores be allowed to refuse cash?

'Some people can only pay cash. If they get refused they can't buy anything, even if they can pay the price."

it can be difficult for a store to accept cash.'

"Absolutely not. So many younger kids don't have cards."

Now tell us: What is your favorite sport to watch and why?

Teacher's Name: Ms. Masood

School: Lincoln Elementary School

"I love being in Ms. Masood's class because she is a very nice person and always puts her students first. She fits in all the curriculum that we need to do. but she also lets us do fun activities. I love how she gives us brain breaks after we do really hard work. And she loves to tell jokes and stories!"

James, 9, Illinois

Nominate your teacher for Teacher of the Week! Send your reason for the nomination, a photo of your teacher, and your school's name and address to hello@theweekjunior.com.

Puzzle answers (from page 26)

Word search

Unused letters: Huge ships with many sails can have as much as forty miles of rope.

Off sides

limit timid

Fill in the blanks

1. leash, heals 2. steady, stayed 3. wider, wired, weire





Quiz answers (from page 30)

1a) Kareem Abdul-Jabbar 2 True 3b) Pikachu 4a) Fat 5 Ralphie 6 True **7** c) Ice cream **8** Jupiter **9** c) Philadelphia **10** False. It was discovered in Antarctica. **11** b) Mount Oblivion **12** False. They pick them out of a dictionary. **13** Seeds **14** b) Uruguay **15** Lombarky Trophy

We want to hear from you! To have your letters, photos, nominations, recommendations, or ideas considered for inclusion in the magazine, please include your full name, age, and state with your submission. By emailing your submission to us, you give The Week Junior consent to publish it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.

Quiz of the week

How much of this week's news can you remember?

1 LeBron James recently passed wha
player for the most points scored in
an NBA career?
a) Kareem Abdul-Jabbar

- b) Kobe Bryant
- c) Michael Jordan

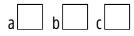
a	h	
ч		

2 True or false? Sharks can detect electrical pulses in water.

-		
Irue	False	

3IntheshowPokémonUltimateJourneys, who is Ash Ketchum's best friend?

a) Charmander b) Pikachu c) Squirtle



- **4** Which ingredient in chocolate causes it to become smooth when eaten?
- a) Fat b) Milk c) Sugar



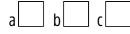
5 What's the name of the French bulldog described as a "terror" in an adoption ad?

6 True or false? At least 26 publishers rejected Madeleinel. Engle's classic AWrinklein Time.



7 Charles Foreman opened a shop selling which sweet treat in Washington, DC?

a) Cupcakes b) Donuts c) Ice cream



8 Which planet is now thought to have the most moons of any in our solar system?











- **9** An exhibit of items celebrating the Walt Disney Company's 100th anniversary is opening in which city?
- a) Chicago b) Kansas City
- c) Philadelphia

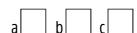
b	C	

10 True or false? A new colony of emperor penguins was recently discovered in Australia.

True	False	

11 In the video game Gigantosaurus: Dino Kart, one of three tournaments takes place in which location?

- a) Death Mountain
- b) Mount Oblivion
- c) Mount Doom



12 True or false? In the book The Swifts, the main character's family picks children's names out of an encyclopedia.

True	False	

13 When elephants poop, they help protect the environment by scattering what around the forest?

14 In 1930, the first World Cup soccer tournament took place in which country?

a) Argentina b) Uruguay c) Chile

a	b	

15 What is the name of the trophy given to the winner of the Puppy Bowl?

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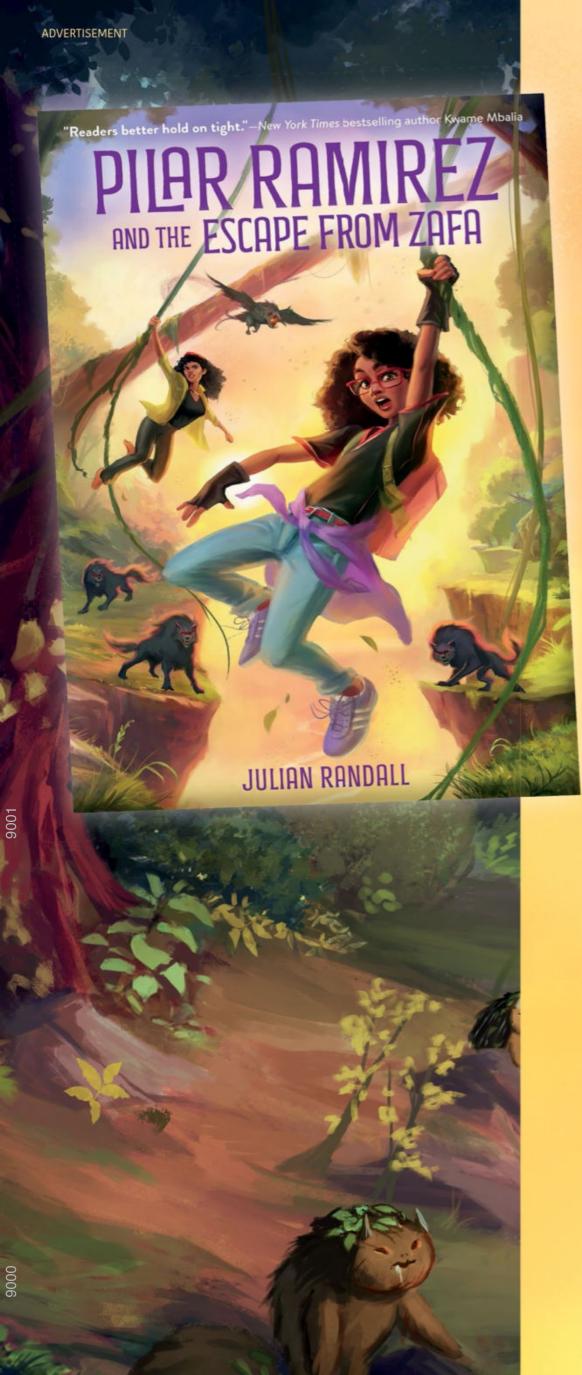
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